

ABSTRACT OF THE DISCLOSURE

Vertical segments (20) of a side wall of a crucible for an induction furnace are assembled at an adjustable, invariable position by screws (36) screwed into tapped holes of a flange (34) common to all segments. A precise assembly is thus obtained producing no deformation and no internal stresses. The segments are coated with a ceramic coating for their protection and prevent the formation of electric arcs. The junction edges of faces (28,29) are rounded to achieve the same effect. The water cooling boxes of the lower furnace hearth are similarly constructed. The invention applies to vitrification techniques.

Figure 3.